

PATENT COOPERATION TREATY

20

From the INTERNATIONAL BUREAU

**PCT**

NOTIFICATION CONCERNING  
TRANSMITTAL OF COPY OF INTERNATIONAL  
APPLICATION AS PUBLISHED OR REPUBLISHED

To:

YOU ME PATENT & LAW FIRM  
Seolim Bldg.  
649-10  
Yoksam-dong, Kangnam-ku  
Seoul 135-080  
RÉPUBLIQUE DE CORÉE



Date of mailing (day/month/year)  
28 July 2005 (28.07.2005)

Applicant's or agent's file reference  
OPP043359KR

IMPORTANT NOTICE

International application No.  
PCT/KR2005/000128

International filing date (day/month/year)  
14 January 2005 (14.01.2005)

Priority date (day/month/year)  
14 January 2004 (14.01.2004)

Applicant

KTFREETEL CO., LTD. et al

The International Bureau transmits herewith the following documents:



copy of the international application as published by the International Bureau on 28 July 2005 (28.07.2005) under  
No. WO 2005/067402



copy of international application as republished by the International Bureau on under  
No. WO

For an explanation as to the reason for this republication of the international application, reference is made to INID codes (15), (48)  
or (88) (as the case may be) on the front page of the attached document.

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Authorized officer

Philippe Becamel

Facsimile No.+41 22 740 14 35

Facsimile No.+41 22 338 70 90

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
28 July 2005 (28.07.2005)

PCT

(10) International Publication Number  
WO 2005/067402 A2

(51) International Patent Classification<sup>7</sup>: G06F 17/60, G07F 19/00, H04Q 7/38

(21) International Application Number:  
PCT/KR2005/000128

(22) International Filing Date: 14 January 2005 (14.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
10-2004-0002633 14 January 2004 (14.01.2004) KR

(71) Applicant (for all designated States except US): KT-FREETEL CO., LTD. [KR/KR]; 890-20, Daechi-dong, Gangnam-gu, Seoul 135-280 (KR).

(72) Inventor; and

(75) Inventor/Applicant (for US only): SON, Jeung-Yeup [KR/KR]; 1321-11 Seocho-dong, Seocho-gu, Seoul 137-071 (KR).

(74) Agent: YOU ME PATENT & LAW FIRM; Seolim Bldg., 649-10, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

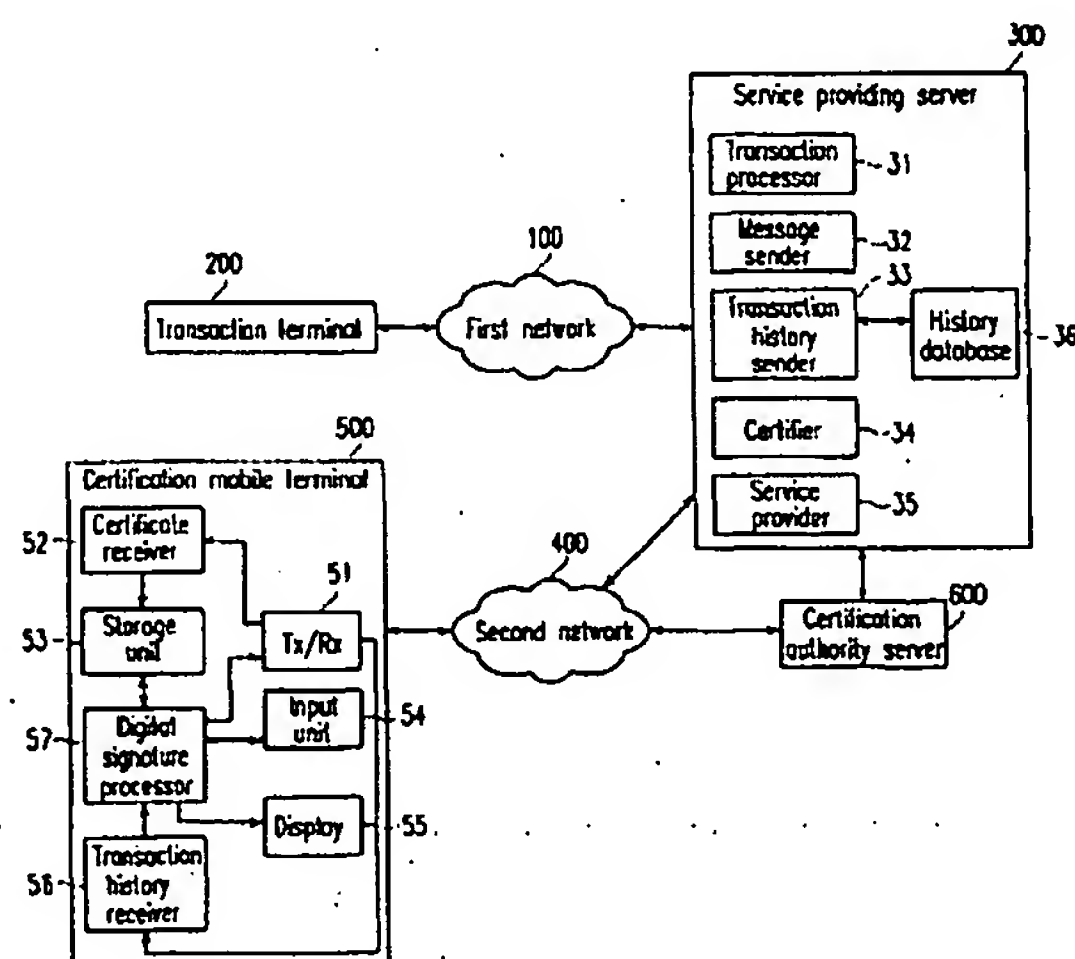
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- with amended claims

[Continued on next page.]

(54) Title: CERTIFICATION MOBILE TERMINAL AND ELECTRONIC COMMERCE SYSTEM AND METHOD USING THE SAME



(57) Abstract: Disclosed are a certification mobile terminal (500), and an electronic transaction system and method using the same. A certificate is downloaded to a mobile terminal (500) from a certification authority (600). In a wired electronic transaction, a user's transaction history is provided to the mobile terminal (500) from a service providing server (300) or a user's transaction terminal (200), and the mobile terminal (500) digitally signs the transaction history by using a stored digital certificate and provides the digitally signed transaction history to the service providing server (300) or the transaction terminal (200) so that the service providing server (300) may finally receive the digitally signed transaction history. The service providing server (300) settles the transaction with the user according to the digitally signed transaction history, and provides a service to the user. Also, in the offline transaction, the certificate stored in the mobile terminal (500) is provided to a system to thereby execute stable transactions based on the certificate.

WO 2005/067402 A2



Date of publication of the amended claims: 22 December 2005

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*